

17-760

MAR 7 1994

THE PROVINCE OF ALBERTA

COAL CONSERVATION ACT

ENERGY RESOURCES CONSERVATION BOARD

IN THE MATTER of coal excavation for
experimental purposes by Gregg River Resources
Ltd. in the Sphinx Creek area

PERMIT NO. C 94-4

WHEREAS the Energy Resources Conservation Board is prepared to grant an application by Gregg River Resources Ltd. for a permit for a coal excavation program for experimental purposes in the Sphinx Creek area, subject to the conditions herein contained.

THEREFORE, the Energy Resources Conservation Board, pursuant to the Coal Conservation Act, being chapter C-14 of the Revised Statutes of Alberta, 1980, hereby grants a PERMIT to Gregg River Resources Ltd. (hereinafter called "the Permittee") to develop two bulk sample pits to produce up to 10 tonnes of raw coal in the Sphinx Creek area, subject to the provisions of the Act and Regulations and orders pursuant thereto and to the following terms and conditions:

1. Subject to other provisions of this permit, the Permittee shall conduct all operations in accordance with the application to the Board, registered as Application No. 940104 on 19 January 1994, and in accordance with any subsequent significant modifications thereof which the Board may approve.
2. The bulk sample pits shall be designated as **Mine Nos. 1770/CD4/E and 1770/Z/E** and shall be located as shown in the Permittee's application to the Board or at such other locations as may be approved by the Board and the Land Conservation and Reclamation Council.
3. The Board hereby designates each of these mines as a small mine.
4. The Permittee shall advise the Board of any significant modifications to the coal excavation program and obtain its approval prior to effecting such modifications.
5. The Permittee shall advise the Board of the date of commencement of the operations herein permitted, not less than one week prior to commencement.
6. Any discard material shall be disposed of in a manner satisfactory to the Board to reduce the potential for spontaneous combustion and to prevent it from becoming a worker or public safety hazard or contributing to air or water pollution.
7. The Permittee shall, upon completion of the coal excavation program, file with the Board
 - (a) a map showing the surveyed location of the bulk sample pit,
 - (b) a report on any geotechnical studies involved, and
 - (c) the result of all tests on the coal samples obtained.

8. The Permittee shall, as soon as practicable, advise the Board and provide a preliminary assessment of any incident or accident affecting, or having the potential for affecting, safety or the environment and being attributable to design features or operational methods which are subject to the approval of the Board.
9. The Permittee shall, upon completion of the two bulk sample pits permitted herein, reclaim all disturbed areas to the satisfaction of the Board and Land Conservation and Reclamation Council.
10. This permit shall expire two years from the date of issuance.

MADE at the City of Calgary, in the Province of Alberta, this 11th day of February 1994.

ENERGY RESOURCES CONSERVATION BOARD

THE PROVINCE OF ALBERTA

CANADIANA

COAL CONSERVATION ACT

MAY 31 1994

ENERGY RESOURCES CONSERVATION BOARD

IN THE MATTER of a surface coal mine
site of Cardinal River Coals Ltd., in the
Luscar area

PERMIT NO. C 94-5

WHEREAS Cardinal River Coals Ltd. is the holder of Permit No. C 92-17 authorizing development of a surface coal mine site in the Luscar area; and

WHEREAS the Energy Resources Conservation Board is prepared to grant Application No. 931225 by Cardinal River Coals Ltd. registered on 23 August 1993 for an amendment of Permit No. C 92-17 to extend the permit boundary; and

WHEREAS it is desirable that a new permit be issued to replace Permit No. C 92-17; and

WHEREAS the Lieutenant Governor in Council has given his approval by Order in Council, numbered O.C. 271/94 dated 11 May 1994; and

WHEREAS the Minister of Environmental Protection has given his approval, hereto attached, insofar as the application affects matters of the environment.

THEREFORE the Energy Resources Conservation Board, pursuant to the Coal Conservation Act, being chapter C-14 of the Revised Statutes of Alberta 1980, hereby grants to Cardinal River Coals Ltd. (hereinafter called "the Permittee") a PERMIT to develop a coal mine site in the Luscar area, subject to the provisions of the Act and regulations and orders pursuant thereto and to the following terms and conditions:

1. The mine site shall continue to be known as the Luscar Mine Site and be designated as **Mine No. 1768.**
2. This permit shall apply to 5100 hectares, more or less, in Townships 47 and 48, Ranges 23, 24 and 25, West of the 5th Meridian, as shown in Appendices A-1 and A-2 hereto attached.
3. Subject to other provisions of this permit, all mining and related operations shall be in accordance with the submissions of the Permittee to the Board, as follows:

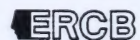
- (a) Application No. 770987 registered on 14 December 1977
 - (b) Application No. 810209 registered on 16 March 1981
 - (c) Application No. 810493 registered on 16 June 1981
 - (d) Application No. 820883 registered on 14 September 1982
 - (e) Application No. 821141 registered on 29 November 1982
 - (f) Application No. 870302 registered on 5 March 1987
 - (g) Application No. 891437 registered on 27 September 1989
 - (h) Application No. 901076 registered on 1 August 1990
 - (i) Application No. 901223 registered on 30 August 1990
 - (j) Application No. 911774 registered on 10 December 1991
 - (k) Application No. 920744 registered on 3 June 1992
 - (l) Application No. 931225 registered on 23 August 1993
4. The Permittee shall advise the Board of any technical modifications to the development plan and obtain its approval prior to effecting such modifications.
 5. Each mining area and external discard site within the permit area shall be individually licensed by the Board prior to the commencement of any mining activity.
 6. The east boundary of the permit located in Section 5, Township 47, Range 23, West of the 5th Meridian shall be no closer than 700 feet or 213.4 metres to the boundary of the Hamlet of Cadomin.
 7. The Permittee shall carry out its operations to the satisfaction of the Board, and in a manner that
 - (a) will result in the mining of all practical and economic coal within the permit area,
 - (b) will not preclude or render more difficult the recovery of other coal recoverable by practical and reasonable operations, and
 - (c) will facilitate land reclamation.
 8. The Permittee shall, as soon as practicable, advise the Board and provide a preliminary assessment of any incident or accident affecting or having the potential for affecting safety or the environment and being attributable to design features or operational methods which are subject to the approval of the Board.
 9. The Permittee shall, in consultation with the Cadomin Environmental Protection Association, expand the mandate of the "50A Baseline Advisory Committee" to include the 50-A-8 mine area. The 50A Baseline Advisory Committee shall, with representation from the Cadomin Environmental Protection Association, continue to advise the Board on monitoring of development activities and reviewing noise and blasting impacts, and to advise Alberta Environmental Protection regarding air quality and water quality impacts, and the reviewing of environmental and reclamation studies.
 10. The Permittee shall implement the water replacement policy established during discussions with the Cadomin Environmental Protection Association.

11. The Permittee shall, if warranted as a result of monitoring of blasts in the 50-A-6, 50-A-7 and 50-A-8 mines in the 50A Baseline area, implement blasting techniques as recommended in the "Pit 50-A-8 Blast Study - November 1989" report of Application No. 901223 and in the "Pit 50-A-8 Blast Impact Study - August 1993" of Application No. 931225.
12. Noise levels in the community of Cadomin shall be in accordance with those established by ERCB ID 92-2. The Permittee shall document any noise complaints and report to the Board as to the action taken.
13. The approval of the Minister of Environmental Protection is attached hereto as Appendix B, and this permit is subject to the terms and conditions therein contained.
14.
 - (1) Attached hereto as Appendix C, and made part of this permit, is the order of the Lieutenant Governor in Council authorizing the grant of this permit.
 - (2) This permit is subject to the terms and conditions, if any, prescribed by the order of the Lieutenant Governor in Council set out in Appendix C.
15. Permit No. C 92-17 is rescinded.
16. The Board may
 - (a) cancel or suspend this permit, in whole or in part, for failure of the Permittee to comply with any provisions of the Act, the regulations or the terms and conditions set out herein; or
 - (b) amend this permit or make such other order as it thinks appropriate under the circumstances.

MADE at the City of Calgary, in the Province of Alberta, this 18th day of May 1994.

CARDINAL RIVER COALS LTD - LUSCAR AREA
APPENDIX A-1 TO PERMIT NO. C 94-3
PREVIOUS PERMIT NO. A 92-17
ENERGY RESOURCES CONSERVATION BOARD

R.24W.5M.



AREA OF CHANGE



———— PERMIT BOUNDARY MINE NO. 1768

14.0

14.0



14.0

CARDINAL RIVER COALS LTD-LUSCAR AREA

APPENDIX A-1 TO REPORT NO. 14-12

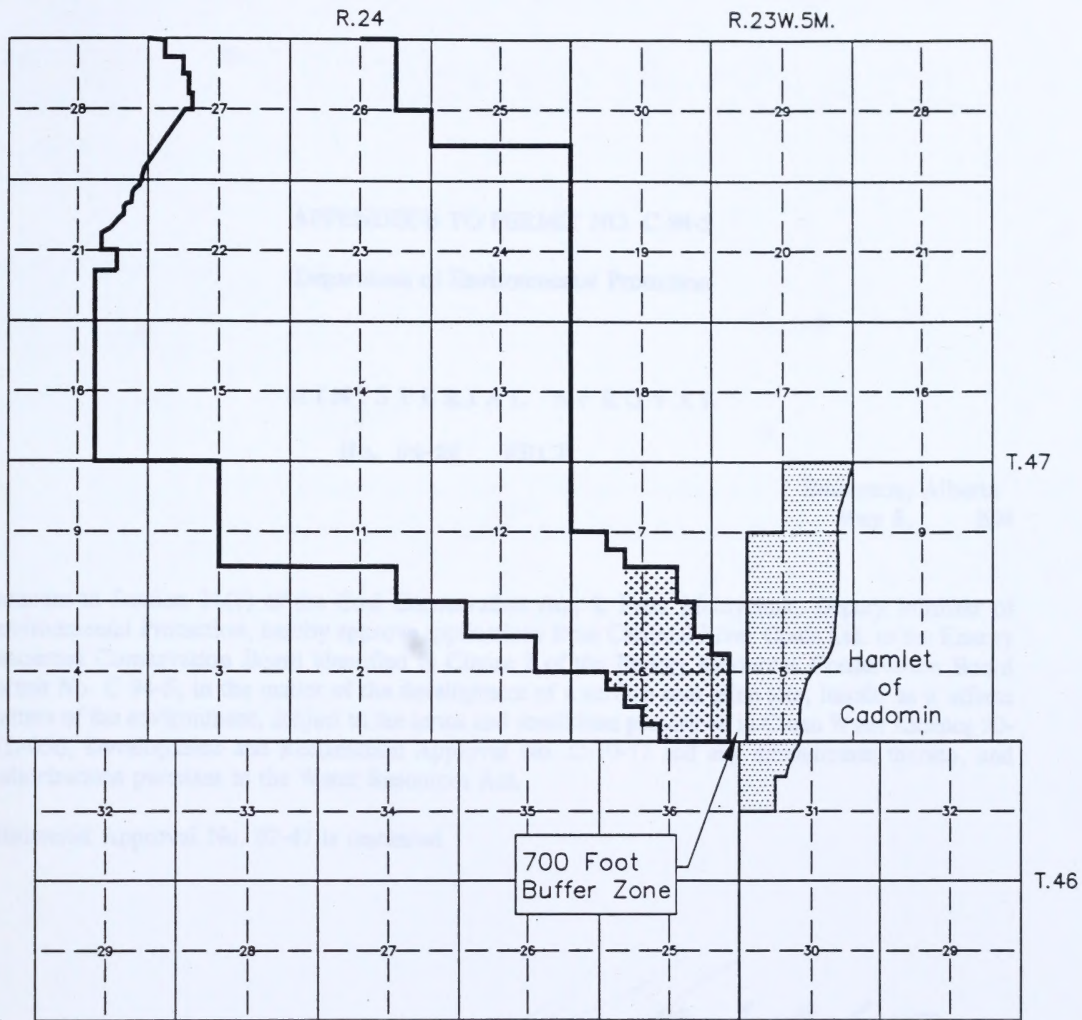
14.0

AREA OF INTEREST

PREVIOUS REPORT NO. 14-12

14.0

POINT BOUNDARY WITH R. 25th St.



CARDINAL RIVER COALS LTD-LUSCAR AREA

APPENDIX A-2 TO PERMIT NO. C 94-5

PREVIOUS PERMIT NO. C 92-17

AREA OF CHANGE



LEGEND

— PERMIT BOUNDARY MINE NO. 1768

1000000

1000000



1000000

CARDINAL RIVER COAST (TIO-LUGAR) AREA

BOUNDARY LINE

1000000

AREA OF INTEREST

BOUNDARY LINE

1000000

BOUNDARY LINE

APPENDIX B TO PERMIT NO. C 94-5

Department of Environmental Protection

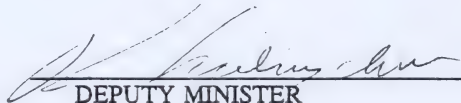
MINISTERIAL APPROVAL

No. 94-28 ERCB

Edmonton, Alberta
May 5, 1994

Pursuant to Section 21(1) of the Coal Conservation Act, I, Peter Melnychuk, Deputy Minister of Environmental Protection, hereby approve applications from Cardinal River Coals Ltd. to the Energy Resources Conservation Board identified in Clause 3 of the Energy Resources Conservation Board Permit No. C 94-5, in the matter of the development of a surface coal mine site, insofar as it affects matters of the environment, subject to the terms and conditions prescribed in Clean Water Licence 90-WL-056, Development and Reclamation Approval No. C-10-77 and any amendments thereto, and authorizations pursuant to the Water Resources Act.

Ministerial Approval No. 92-47 is rescinded.


DEPUTY MINISTER



May 11, 1994



Province of Alberta
Order in Council

ORDER IN COUNCIL

Approved and ordered:

Lieutenant Governor

The Lieutenant Governor in Council

- 1 authorizes the Energy Resources Conservation Board to grant Permit No. C 94-5 to Cardinal River Coals Ltd. in the form attached;
- 2 rescinds Order in Council numbered O.C. 478/92.

CHAIR

Alberta

For Information only

Recommended by: Minister of Energy

Authority: Coal Conservation Act
(section 21)

ORDER IN COUNCIL



Province of Alberta
Crown in Council

Approved and signed:

Lieutenant Governor

The Lieutenant Governor in Council

1. authorize the Energy Resources Development Board to grant a license
No. C-44-5 to Central River Corp Ltd. in the form attached.

2. revoke Order in Council numbered C-44-482.

CHAIR

The Secretary will

authenticate the

attached

APPROVED

